

**RECORD OF MEETING
AMEC PROJECTS 1.5-1/1.5
19 – 22 November 2002
Murmansk, RUSSIA**

INTRODUCTION

Representatives of the Ministries of Defence (MOD) of Russia (RF), Norway (NOR), and the US Department of Defense (US) met in accordance with the AMEC Principals decisions on AMEC Projects 1.5 “Cooperation in Radiation Safety” and 1.5-1 “Radiation Control at Facilities – Application of the PICASSO System.” The list of participants is included in Attachment 1.

MEETING GOALS

- Review status of the installation of PICASSO at RTP Atomflot.
- Review status of the installation of PICASSO at the Polyarninski Shipyard.
- Review the status of the Norwegian/Russian purchased dosimeters
- Review the status of US electronic dosimeters.

ACCOMPLISHED AND NEXT STEPS

- PICASSO AT RTP ATOMFLOT
 - ✓ The Delegation visited the site and viewed the locations for detectors.
 - ✓ Variations in documentation between the Technical Design and the Conceptual Proposal were discussed. Differences will be explained in a document to be provided by ICC Nuklid.
 - ✓ The Technical Design has been approved by all necessary entities including RF MOD, Minatom, Mintrans, and RTP Atomflot.
 - ✓ An excerpt of the Installation Design for PICASSO at the SNF Pad was provided. This is a deliverable to Norway under the Design Contract.
 - ✓ The new contracts for installation of PICASSO between BNL and FFI, and FFI and ICC Nuklid were all signed on 11 October 2002.
 - ✓ ICC Nuklid formally introduced their subcontractors that now include IBRAE RAN (Primary), Serviceintertechnika (Secondary), and RTP Atomflot (Secondary). Roles and responsibilities for each contractor were identified.
 - ✓ The first deliverable under the new contract will be provided by 3 December 2002; the team is striving to maintain the optimistic schedule for start-up of testing in July 2003.
 - ✓ An updated version of the PICASSO-AMEC software was provided to ICC Nuklid by FFI for russification and use at RTP Atomflot in accordance with the Contract for Installation of ARMS-SP-LRW.

- PICASSO AT POLYARNINSKI SRZ
- ✓ ICC Nuklid provided the US an official excerpt off the “Automated Radiation Monitoring System for FGUP 10 SRZ – Technical Proposal.” This document outlines the revised scope and cost estimates for installation of PICASSO at Polyarninski SRZ. The transfer of this document to Norway will occur after the signing of the information exchange agreement by Norway and Russia. Russia has provided a draft agreement to Norway. On receipt of the Technical Proposal by the Norway, Norway and the US will provide Russia official comments.

- DOSIMETERS
- ✓ The Russian produced KID-08S individual dosimeters were delivered to the Polyarninski SRZ. Input control, training and establishment of procedures for dose registration have been completed and the dosimeters are now in use. A test procedure has been developed and the dosimeters are now undergoing a three months test period. Ownership is temporarily transferred to Polyarninski Shipyard and a final solution will be reached before the end of the contractual period. The project will be completed in February 2003.
- ✓ Per the contract, US and NOR parties have filed an official request with the RF MOD to attend a demonstration and to view the performance of the KID-08S dosimeters at Polyarninski shipyard. The interest for a site visit remains.
- ✓ Per the 11-13 St. Petersburg 2002 ROM, the US stills awaits a decision from the RF MOD regarding the US supplied dosimeters.

THE EXPERTS REPORT TO THE STEERING GROUP

- An integration meeting was held between the AMEC Projects 1.1-1 and 1.5-1 Teams. The Projects are coordinated. Under this schedule, testing of PICASSO-AMEC will commence at about the same time as the opening ceremony of the SNF Pad in June 2003.
- A paper on PICASSO was presented at the American Nuclear Society Annual Meeting in Washington, DC.
- The Experts discussed the general contents of a joint paper for presentation at Waste Management '03 entitled “Radiation Monitoring at RTP Atomflot and the Polyarninski Shipyard.”
- The Norwegian Project Officer notes that US and Russian Project Officers should participate in future Project Officer meetings.

NEXT MEETING

- A Project Officers meeting will be held in Tucson during WM 03, 23 –28 February 2003.
- A Contractors Meeting will be held at IBRAE-RAN in Moscow after the assembly of the PICASSO-AMEC System, and prior to its shipment to Murmansk.

For Russian Ministry of Defence

For US Department of Defense

Director, Nina Yanovskaya¹

Division Head, Paul D. Moskowitz²

For Norwegian Ministry of Defence

Dr. Monica Endregard

¹ Authorised by Department of Environmental Safety Directorate of RF MOD to sign the ROM.

² Authorised by CDR John Pomerville, US DOD to sign the ROM.

**ATTACHMENT 1
LIST OF PARTICIPANTS**

Murmansk, 19-22 November, 2002

РОССИЙСКАЯ ФЕДЕРАЦИЯ	RUSSIAN FEDERATION
МКЦ «Нуклид» Лев Михайлович Чернаенко	ICC Nuclide Lev Tchernenko
ИБРАЭ РАН Владимир Павлович Киселев	IBRAE RAN Vladimir Kisselev Vladimir Shevnin
РТП «Атомфлот» Андрей Абрамов	RTP Atomflot Andrey Abramov
ЗАО «Сервисинтертехника» Александр Иванович Ермолаев	ServiceIntertechnika Alexander Yermolayev
Переводчик Борис Кочетков	Interpreter Boris Kochetkov
Переводчик Светлана Кускова	Interpreter Svetlana Kuskova
США	USA
Брукхевенская национальная лаборатория Пол Московитц	Brookhaven National Laboratory (BNL) Paul Moskowitz
Норвегия	NORWAY
Норвежский институт оборонных исследований Моника Эндрегард	Norwegian Defence Research Establishment (FFI) Monica Endregard
Норвежский институт энерготехнологий Раждип Сингх Сидху	Institute for Energy Technology (IFE) Rajdeep Singh Sidhu
Переводчик Андрей Педченко	Interpreter Andrey Pedchenko